

# Kappa15C Larger Vented Cabinet

By McJerry, Eminence Speaker LLC

Displacement Limited to 100 Watts; F3 of 63 Hz. For Low Pwr FR PA or Bass Guitar

Use a high pass filter set to 40 Hz.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.345 cu.ft

V(total) = 2.588 cu.ft

Fb = 52 Hz

QL = 7

F3 = 63.03 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 6.354 in

## Driver Properties

--Description--

Name: Kappa-15 (4 ohm)

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Updated Nov 2005

Piston: Paper cone.

Suspension: Cloth surround.

Dust Cap: Solid paper dust cap.

Frame: Pressed steel basket.

Voice Coil: 3 inch (76.2 mm) copper.

Magnet: 80 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 31 Hz

Qms = 10.14

Vas = 329.9 liters

Xmax = 2.4 mm

Sd = 823.7 sq.cm

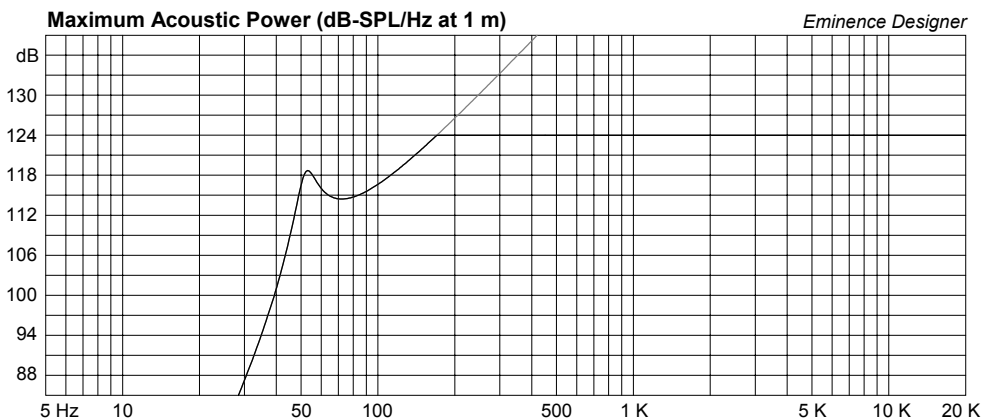
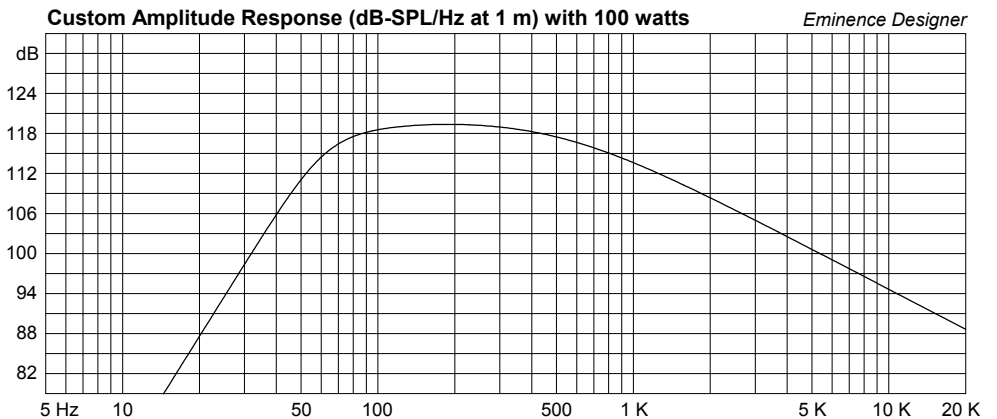
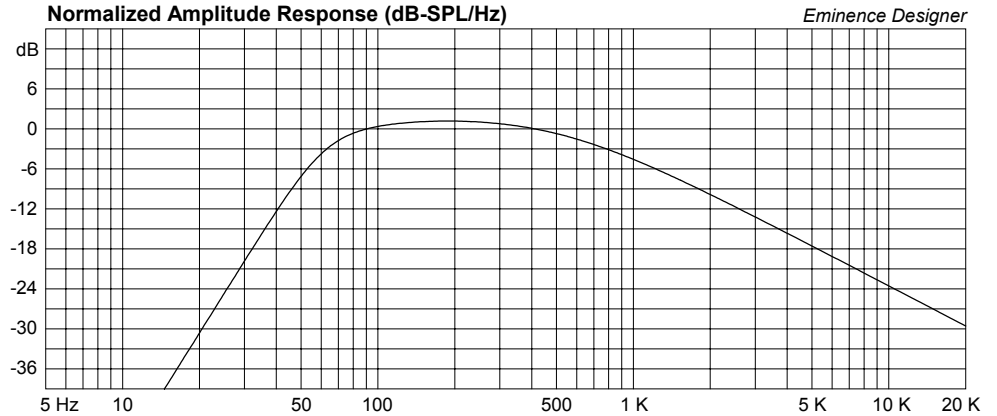
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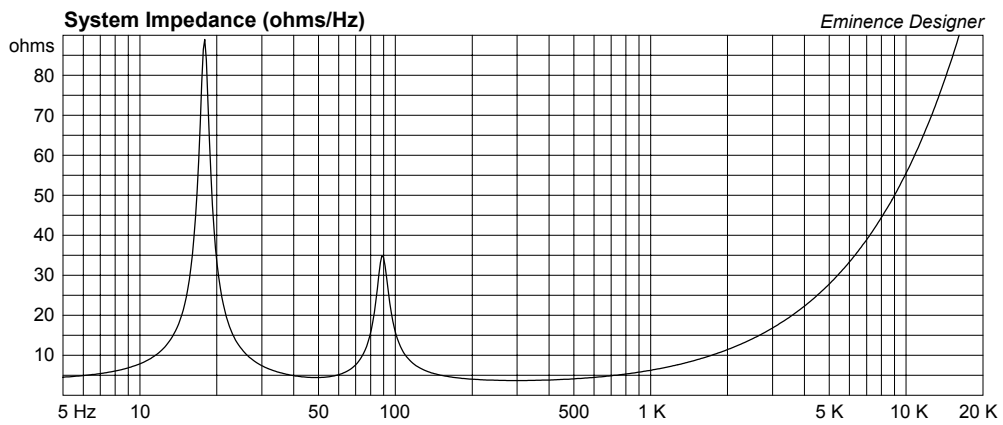
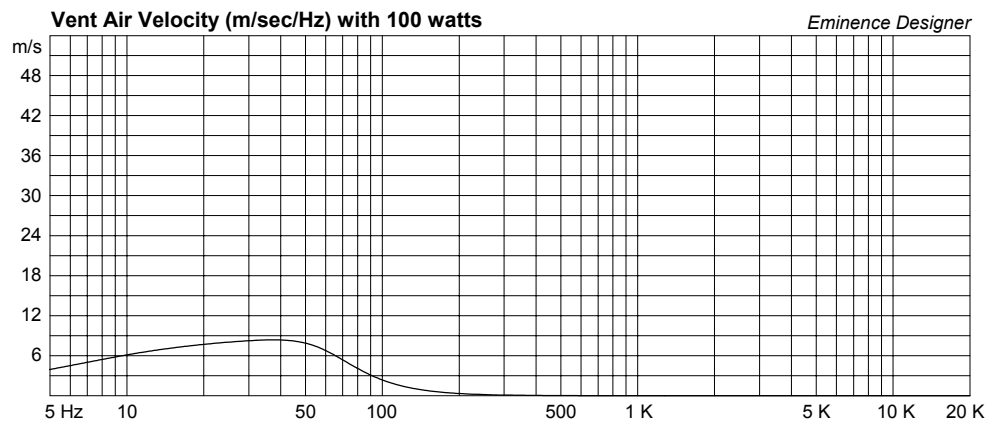
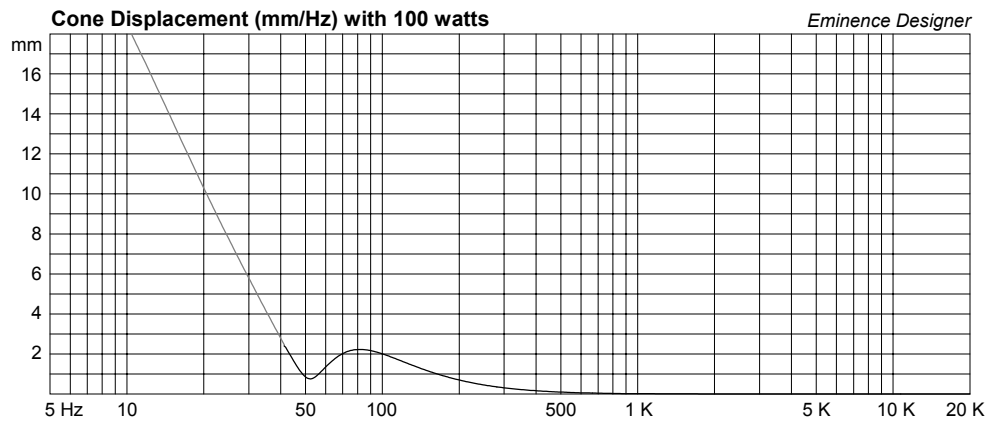
Re = 3.68 ohms

Le = 0.88 mH

Z = 4 ohms

Pe = 450 watts





# Kappa15C Med Vented Cabinet

By McJerry, Eminence Speaker LLC

Displacement Limited to 175 Watts if used semi-FR, use a steep High Pass filter set to 80 Hz. F3 of 68 Hz.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.15 cu.ft

V(total) = 2.32 cu.ft

Fb = 70 Hz

QL = 7

F3 = 67.97 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 1.93 in

## Driver Properties

--Description--

Name: Kappa-15 (4 ohm)

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Updated Nov 2005

Piston: Paper cone.

Suspension: Cloth surround.

Dust Cap: Solid paper dust cap.

Frame: Pressed steel basket.

Voice Coil: 3 inch (76.2 mm) copper.

Magnet: 80 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 31 Hz

Qms = 10.14

Vas = 329.9 liters

Xmax = 2.4 mm

Sd = 823.7 sq.cm

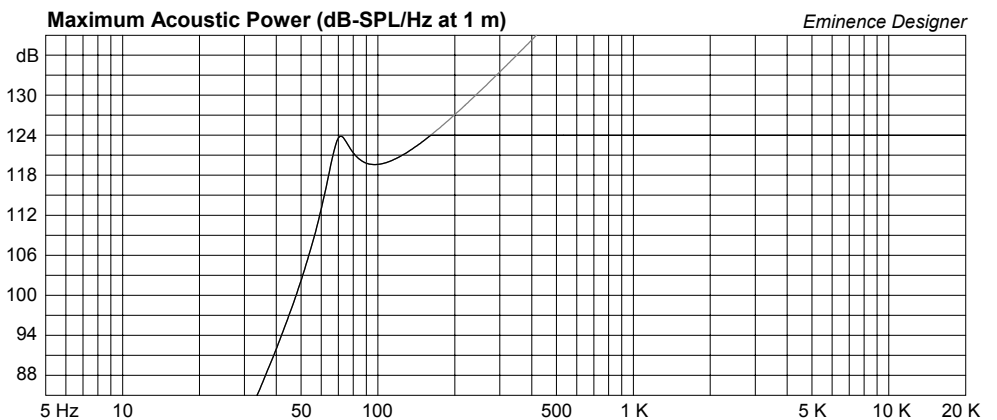
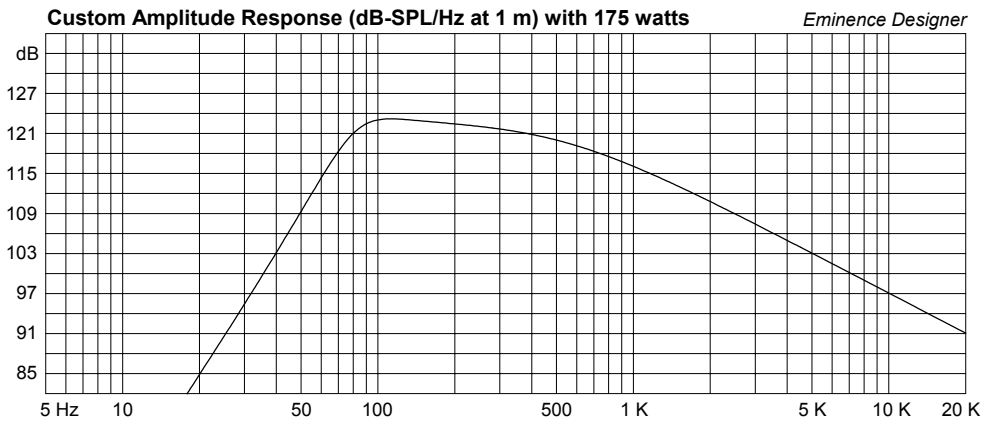
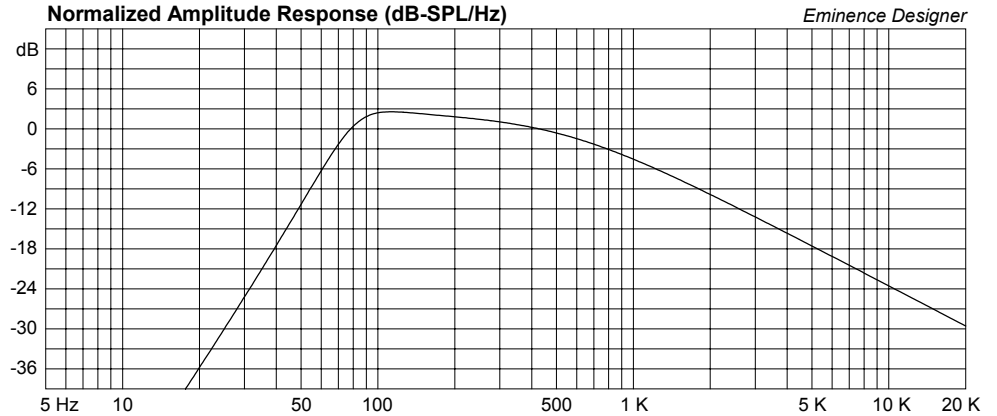
Qes = 0.25

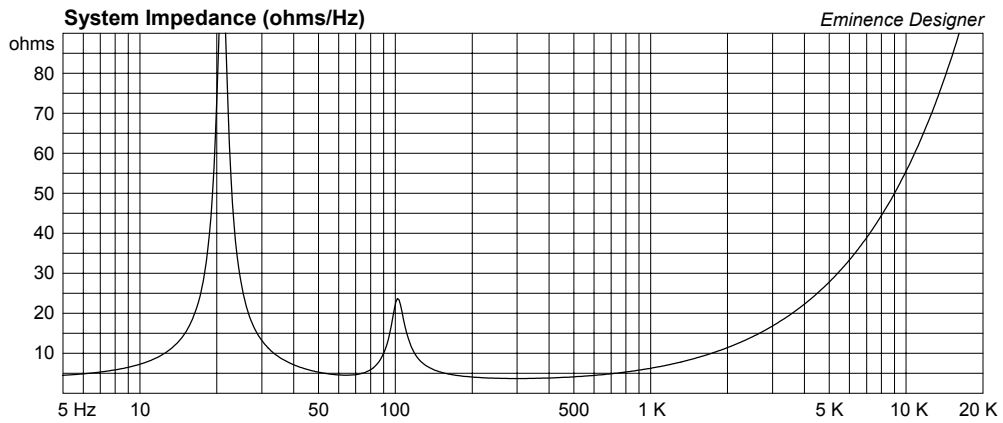
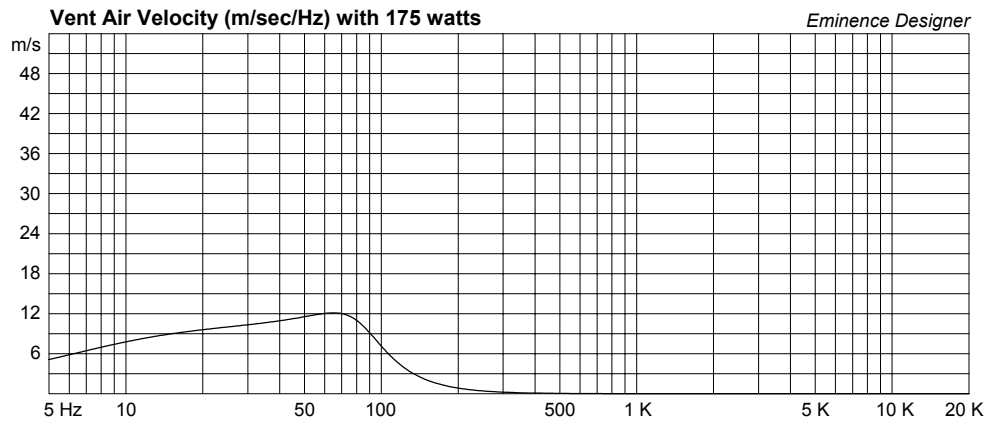
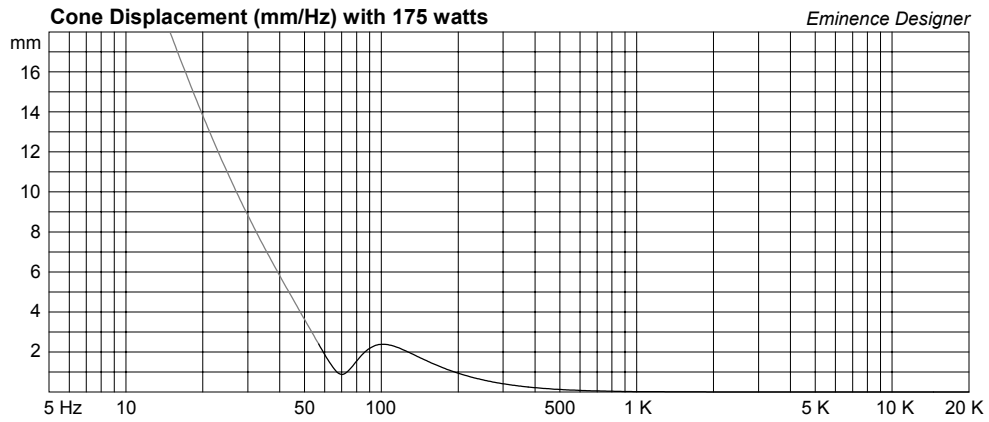
Re = 3.68 ohms

Le = 0.88 mH

Z = 4 ohms

Pe = 450 watts





# Kappa15C Hi Pwr Mid/Hi PA Sat Cabinet

By McJerry, Eminence Speaker LLC

Thermally Limited to 450 Watts; F3 of 91 Hz. Must use a steep high pass filter set to 100 Hz or higher.

## Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.25 cu.ft

V(total) = 1.4 cu.ft

Fb = 100 Hz

QL = 7

F3 = 91.27 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3.919 in

Lv = 0.75 in

## Driver Properties

--Description--

Name: Kappa-15 (4 ohm)

Type: Standard one-way driver

Company: Eminence Speaker LLC

Comment: Updated Nov 2005

Piston: Paper cone.

Suspension: Cloth surround.

Dust Cap: Solid paper dust cap.

Frame: Pressed steel basket.

Voice Coil: 3 inch (76.2 mm) copper.

Magnet: 80 oz ferrite magnet.

--Configuration--

**No. of Drivers = 1**

--Driver Parameters--

Fs = 31 Hz

Qms = 10.14

Vas = 329.9 liters

Xmax = 2.4 mm

Sd = 823.7 sq.cm

Qes = 0.25

Re = 3.68 ohms

Le = 0.88 mH

Z = 4 ohms

Pe = 450 watts

